ABSTRACT

The present invention provides compounds represented by general formula (I):

$$Ar \xrightarrow{A} \xrightarrow{R^1} \xrightarrow{R^2} \xrightarrow{R^3} \xrightarrow{R^4} \xrightarrow{R^7} \xrightarrow{R^8}$$

$$R^5 \xrightarrow{R^6} \xrightarrow{R^9} \xrightarrow{R^9}$$
(I)

a prodrug thereof, or pharmaceutical acceptable salts thereof, wherein R^1 is hydrogen or lower alkyl; each of R^2 and R^3 is independently hydrogen or lower alkyl; each of R^4 , R^5 and R^6 is independently hydrogen, halogen, lower alkyl or lower alkoxy; R^7 is hydrogen or lower alkyl; R^8 is hydrogen, halogen, lower alkyl, lower alkoxy, etc; R^9 is $-COR^{10}$, $-A^1-COR^{10}$, $-O-A^2-COR^{10}$, etc; Ar is optionally substituted phenyl or heteroaryl; and A is a bond, $-OCH_2-$, etc, which exhibit potent and selective $\beta 3$ -adrenoceptor stimulating activities. The present invention also provides pharmaceutical compositions containing said compound, and uses thereof.

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